| TP I        |           |                                    |                       |           | Docket Number (Optional) Application Number 112208-1 10/065,134 |   |                   |                |         |
|-------------|-----------|------------------------------------|-----------------------|-----------|---|---|-------------------|----------------|---------|
| 10 '· `     | INPO      | RMATION DISCLOSUR                  | E CITATION  arv)      |           | Applicant(s) Parrillo, et al.                                   |   |                   |                |         |
| APR 29      | 2004      | E                                  | 23                    |           | Filing Date September 19, 20                                    |   | Group Art Unit    | 1754           |         |
|             | - N       | 7<br>7                             |                       | UC DAT    | ENT DOCUMENTS   | 002   |                   | 1754           |         |
| ·EXAMINER   | The Park  |                                    |                       | U.S. FAT  | ENI DOCUMENTS   | 1   | 1                 |                |         |
| INITIAL     | REF       | DOCUMENT NUMBER                    | DATE                  |           | NAME  | CLASS   | SUBCLASS          | FILING I       |         |
| Mb          |           | 4,290,924                          | 9/22/1981             | Leach     |   |   |                   |                |         |
|             |           | 4,361,709                          | 11/30/1982            | Kawam     | ata, et al.   |   |                   |                |         |
|             | <u></u>   | 5,097,079                          | 3/17/1992             | Bennett   | t, Jr. et al.   |   |                   | <del></del>    |         |
| V           |           | 2003/0073572                       | 4/17/2003             | Parrillo  | , et al.  |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   | <u></u>        |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       | FOREIG    | N PATENT DOCUMENTS  |   |                   |                |         |
|             | REF       | DOCUMENT NUMBER                    | DATE                  |           | COUNTRY   | CLASS   | SUBCLASS          | Transla<br>YES | NO      |
| milo        |           | EP 0 785 180 A2                    | 17.01.1997            | Europe    |   | ,   |                   |                |         |
| A           |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    | :                     |           |   |   |                   |                |         |
|             |           |                                    |                       | OTHER I   | DOCUMENTS (Including A  | luthor, Title, L                                    | ate, Pertinent Pa | ges, Etc.)     |         |
|             | $\dashv$  |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
|             |           |                                    |                       |           |   |   |                   |                |         |
| EXAMINE     | R         | Maneiu B                           | 7                     |           | DATE CONSIDERED   | Col161  | 04                |                |         |
| EXAMINE     | R: Initia | al if citation considered, whether | or not citation is in | conforman | <u> </u>  | <del>- / · · / · / · / · / · / · / · / · / · </del> | <del>~/</del>     | in conforma    | nce and |
| not conside | rea. In   | clude copy of this form with next  | communication to a    | pplicant. |   |   |                   |                |         |

| 6                 | 1PA      |   |   | Ü  | Docket Number (Optional)<br>GP2-029  | 14                 | Application Number 10/ | 065,134                     |
|-------------------|----------|---|---|--|--------------------------------------|--------------------|------------------------|-----------------------------|
| 1                 | INFO     | REATION DISCLOSUR Use several sheets if necess                          | E CITATION                                | İ  | Applicant(s)<br>David Parrillo, et a | <b>.</b>           |                        |                             |
|                   |          | <b>X</b>  |   | i  | Filing Date September 19             | 2002               | Group Art Unit         | 1754                        |
| To the second     |          | , c   |   | U.S. PAT   | ENT DOCUMENTS                        | , 2002             |                        |                             |
| •EXAMINER INITIAL | REF      | DOCUMENT NUMBER   | DATE                                      |  | NAME                                 | CLASS              | SUBCLASS               | FILING DATE  IF APPROPRIATE |
| nillo             |          | 5,321,105   | 6-14-94                                   | Rekers   | et al.                               | 526                | 104 RF                 |                             |
| pilo              |          | 4,912,264   | 3-27-90                                   | Takeshi  | ta et al.                            | 568                | 790 FEB                | CEIVED 1 9 2003             |
| \$                |          |   |   |  |                                      |                    | TC                     | 7003                        |
|                   |          |   |   |  |                                      |                    |                        | 700                         |
|                   |          |   |   |  |                                      |                    |                        |                             |
| <u> </u>          |          |   |   |  |                                      |                    | -                      |                             |
| ·                 |          |   |   | <del>                                     </del> |                                      |                    |                        |                             |
|                   |          |   |   |  |                                      |                    |                        |                             |
|                   |          |   | _   | <del> </del>                                     |                                      | _                  | +                      |                             |
|                   |          |   |   |  |                                      |                    | +                      |                             |
|                   |          |   |   | FOREIG   | N PATENT DOCUMENT                    | s                  | <u></u>                |                             |
|                   |          | DOCUMENT NUMBER   | DATE                                      | T  | COUNTRY                              | CLASS              | SUBCLASS               | Translation                 |
| 3.4               | REF      | EP0102493   | 3-14-84                                   | Europea  | ····                                 | CLASS              | 0000000                | YES NO                      |
| No                |          | EP0171792   | 2-19-86                                   | Europe   |                                      |                    |                        | J                           |
| -                 |          | EP0987220-A1  | 3-22-00                                   | Europe   |                                      |                    |                        |                             |
|                   |          | WO0138223   | 3-15-01                                   | World  |                                      |                    |                        |                             |
|                   |          |   |   |  |                                      |                    |                        |                             |
|                   | L        |   |   | OTHER I  | OOCUMENTS (Includi                   | ing Author, Title, | Date, Pertinent Pa     | ges, Etc.)                  |
| :10               | $\top$   | International Search R  | eport mailed Jan                          |  |                                      | <u>·</u> _         | -                      |                             |
| L.                |          |   |   |  |                                      |                    |                        |                             |
|                   | +        |   |   |  |                                      | _                  |                        |                             |
|                   |          |   |   | ~  |                                      |                    |                        |                             |
| EXAMINE           | R        | MMMI K  | 3~  |  | DATE CONSIDERED                      | 6/16/              | log                    |                             |
| EXAMINE           | R: Initi | al if citation considered, whether<br>clude copy of this form with next | or not citation is in<br>communication to | n conforman<br>applicant.                        | ce with MPEP Section 60              | 9; Draw line thro  | ugh citation if not    | in conformance and          |
|                   |          |   |   |  |                                      |                    |                        |                             |

|                  | - <u>`</u>  |  |   |             | ATTY DOCKET NO.<br>112208- |                   | SERIAL NO.          | 065,134                                      |  |
|------------------|---|--|---|-------------|----------------------------|-------------------|---------------------|--|--|
| 01.P             | INFO  | MATION DISCLOSURE  | CITATION                                  |             | Parrillo, et al.           | <u>'1</u>         | 107                 | 003,134                                      |  |
| /                | 1 2000  | Use several sheets if necess   | ary)                                      | •           | FILING                     |                   | GROUP               |  |  |
| •                |   | <i>31</i>  |   |             | September 19               | 9, 2002           |                     |  |  |
| EXAMINER *       | TAGEN!  | <b></b>  | U.S                                       | . PATENT    | DOCUMENTS                  |                   |                     |  |  |
| *EXAMINER        |   | DOCUMENT NUMBER  | DATE                                      |             | NAME                       | CLASS             | SUBOLASS            | FILING DATE  IF APPROPRIATE                  |  |
| Mo               |   | 3,707,569  | 12/26/72                                  | van Sor     | ge, et al.                 | +                 | 005                 | Eller  |  |
|                  |   | 3,764,630  | 10/9/73                                   | van Sor     | ge                         | ,                 | 70071               | 5 200  |  |
|                  |   | 3,790,641  | 2/5/74                                    | Oshima      | , et al.                   | ~                 | 101                 | 002  |  |
|                  |   | 3,843,606  | 10/22/74                                  | van Sor     | ge                         | _                 |                     | 00   |  |
|                  | 1   | 3,953,529  | 4/27/76 Yone                              |             | itsu, et al.               |                   |                     |  |  |
|                  |   | 3,972,828  | 8/3/76                                    | van Sor     | orge                       |                   |                     |  |  |
|                  |   | 3,972,836  | 8/3/76                                    | van Sor     |                            |                   |                     |  |  |
| 3,979,464 9/7/76 |   |  |   | Leach       |                            |                   |                     |  |  |
|                  |   | 3,994,982  | 11/30/76                                  | Leach       |                            |                   |                     |  |  |
|                  |   | 4,022,715  | 5/10/77                                   | Bornfriend  |                            |                   |                     |  |  |
| <b>V</b>         | 4,022,843 5/10/77   |  | Leach                                     |             |                            |                   |                     |  |  |
|                  |   |  | FORE                                      | IGN PATE    | NT DOCUMENTS               |                   |                     |  |  |
|                  |   | DOCUMENT NUMBER  | DATE                                      |             | COUNTRY                    | CLASS             | SUBCLASS            | TRANSLATION YES NO                           |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
|                  |   |  |   |             |                            |                   |                     | <u>.                                    </u> |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
|                  |   | OTHER DOCUME   | NTS (Includin                             | g Author,   | Title, Date, Pertine       | nt Pages, Etc.    | )                   |  |  |
|                  | 1   |  |   |             |                            |                   |                     |  |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
|                  |   |  |   |             |                            |                   |                     |  |  |
| EXAMINER         | 1   | Mulliu H   | m   |             | DATE CONSIDERED            | Cef (6/           | 'o4                 |  |  |
| *EXAMINER        | R: Initia   | if reference considered, whether<br>e copy of this form with prext com | r or not citation is<br>munication to app | in conforma | ance with MPEP 609; Dr     | aw line through c | tation if not in co | onformance and not                           |  |
|                  | nsidered. Include copy of this form with pext communication to applicant. |  |   |             |                            |                   |                     |  |  |

Form PTO-A820 (als f rm PTO-1449)

P09C/REV03

| ٠,  | 61    | P                    |  |   |             | ATTY DOCKET NO.<br>112208- | 1                 | SERIAL NO.<br>10/065,134 |                             |  |  |
|-----|-------|----------------------|--|---|-------------|----------------------------|-------------------|--------------------------|-----------------------------|--|--|
|     |       | INFO                 | MATION DISCLOSURE<br>עַנְיאָ several sheets if necess                    | CITATION<br>ary)                        |             | Parrillo, et al.           |                   |                          |                             |  |  |
|     | DCT 1 | 1 20,02              |  |   |             | FILING<br>September 19     | , 2002            | GROUP                    |                             |  |  |
| 3   | d     | DEMARY               | <u> </u>   | U.S                                     | S. PATENT   | DOCUMENTS                  | <u></u>           |                          |                             |  |  |
|     | MINER | DE N                 | DOCUMENT NUMBER  | DATE                                    |             | NAME                       | CLASS             | SUBCLASS                 | FILING DATE  IF APPROPRIATE |  |  |
|     | (L)   |                      | 4,024,195  | 5/17/77                                 | Yonemi      | tsu, et al.                | -                 | 77                       | CE                          |  |  |
|     |       |                      | 4,085,150  | 4/18/78                                 | Smith       |                            |                   | 000                      | 15.0                        |  |  |
|     |       |                      | 4,097,441  | 6/27/78                                 | Sircar, e   | et al.                     |                   | /c                       | / <b>&gt;</b> 002           |  |  |
|     |       |                      | 4,126,750  | 11/21/78                                | Poe, et a   | ıl.                        |                   |                          | 100                         |  |  |
|     |       |                      | 4,128,728  | 12/5/78                                 | Arnold,     | rnold, et al.              |                   |                          |                             |  |  |
|     |       |                      | 4,140,773  | 2/20/79                                 | Stowell,    | et al.                     |                   |                          | <del></del>                 |  |  |
|     |       |                      | 4,165,439  | 8/21/79                                 | Smith       |                            |                   |                          |                             |  |  |
|     |       |                      | 4,179,411  | 12/18/79                                | Broersn     | ıa, et al.                 |                   |                          |                             |  |  |
|     |       | 4,208,537 6/17/80    |  |   | Kawam       | ata, et al.                |                   |                          |                             |  |  |
|     |       |                      | 4,215,229  | 15,229 6/29/80 Gre                      |             |                            |                   |                          |                             |  |  |
|     | /     | 4,227,023 10/7/80 Ka |  | Kawam                                   | ata, et al. | ,                          |                   |                          |                             |  |  |
|     |       |                      |  | FORE                                    | IGN PATE    | NT DOCUMENTS               |                   |                          |                             |  |  |
|     |       |                      | DOCUMENT NUMBER  | DATE                                    |             | COUNTRY                    | CLASS             | SUBCLASS                 | TRANSLATION YES NO          |  |  |
|     |       |                      |  |   | <u>-</u>    |                            |                   |                          |                             |  |  |
|     |       |                      |  |   |             |                            |                   |                          |                             |  |  |
|     |       |                      |  |   |             |                            |                   |                          |                             |  |  |
|     |       |                      |  |   |             |                            |                   |                          |                             |  |  |
|     |       |                      | -  |   |             |                            |                   |                          |                             |  |  |
|     |       |                      | OTHER DOCUMEN  | ITS (Includin                           | g Author,   | Title, Date, Pertiner      | nt Pages, Etc     | .)                       |                             |  |  |
|     |       |                      |  |   |             |                            |                   |                          |                             |  |  |
|     |       |                      |  |   |             |                            |                   |                          |                             |  |  |
|     |       |                      |  |   |             |                            |                   |                          |                             |  |  |
| EXA | MINER |                      | IMMUU A  | m                                       | _           | DATE CONSIDERED            | 6/16              | los                      |                             |  |  |
| EXA | MINE/ | Includ               | I if reference considered, whether<br>le copy of this form with next com | or not citation is<br>munication to app | in conforma | ance with MPEP 609; Dra    | aw line through o | itation if not in co     | enformance and not          |  |  |

|              |                  |   |                      |               | ATTY DOCKET NO<br>1122 | ).<br>208-1        | - 1      | SERIAL NO.  10/065,134  GROUP  OCY  SUBCLASS  FLING DATE  IFARRAPRIATE |                |            |  |
|--------------|------------------|---|----------------------|---------------|------------------------|--------------------|----------|--|----------------|------------|--|
| 10           | ST PN            | ROBMATION DISCLOSUR   | E CITATION<br>ssary) |               | Parrillo, et al.       |                    |          | PA   |                |            |  |
| gc.          | 111              | · <b>\$</b> 1   | •                    |               | FILING<br>Septembe     | er 19, 2002        | G        | ROUP   | CEN            | æ's.       |  |
|              |                  |   | U.                   | S. PATENT     | DOCUMENTS              |                    |          | 70   | 15 200         | <b>*</b> D |  |
| *EXAMIN      | IER AD           |   | DATE                 |               | NAME                   | CLA                | ss       | SUBCLASS   | FILING DATE    | ATE        |  |
| m            |                  | 4,227,024   | 10/7/80              | Leach         |                        |                    |          | ,  | 00             |            |  |
| 0            |                  | 4,269,735   | 5/26/81              | Leach         |                        |                    |          |  |                |            |  |
|              |                  | 4,290,924   | 9/22/81              | Leach         |                        | ح                  |          |  |                | , ,        |  |
|              |                  | 4,283,574   | 8/11/81              | Leach         |                        |                    |          |  |                |            |  |
|              |                  | 4,322,566   | 5/30/82              | Leach         | Leach                  |                    |          |  |                |            |  |
|              |                  | 4,329,517   | 5/11/82              | Tanigue       | hi, et al.             | -                  |          |  |                | -          |  |
|              |                  | 4,351,958   | 9/28/82              | Takahat       | ta, et al.             | <-                 |          |  |                |            |  |
|              | 4,375,566 5/1/83 |   |                      | Kawam         | ata, et al.            |                    |          |  |                |            |  |
|              |                  | 4,386,226   | 5/31/83              | Adey, et      | Adey, et al.           |                    |          |  |                | >          |  |
|              |                  | 4,454,357   | 6/12/84              | Inoue, et al. |                        |                    |          |  |                |            |  |
| $\downarrow$ |                  | 4,458,031   | 7/3/84               | Battista,     | , et al.               |                    |          |  |                |            |  |
|              |                  |   | FORE                 | IGN PATE      | NT DOCUMENTS           | , -                |          |  |                |            |  |
|              |                  | DOCUMENT NUMBER   | DATE                 |               | COUNTRY                | CLA                | SS       | SUBCLASS   | TRANSLA<br>YES | NO NO      |  |
|              | $\perp$          |   |                      | -             |                        |                    |          |  |                |            |  |
|              |                  |   |                      |               |                        |                    |          |  | ·              |            |  |
|              |                  |   |                      |               |                        |                    |          |  |                |            |  |
|              |                  |   |                      |               |                        |                    |          |  |                |            |  |
|              |                  |   | <u> </u>             |               |                        |                    |          |  |                |            |  |
|              |                  | OTHER DOCUM   | ENTS (Includin       | g Author,     | Title, Date, Pert      | tinent Pages,      | Etc.)    |  |                | _          |  |
|              |                  |   |                      |               |                        |                    |          |  |                |            |  |
|              |                  |   |                      |               |                        |                    |          |  |                |            |  |
| EXAMIN       | IER              | MMULL 1   | Br                   |               | DATE CONSIDERE         | D 6/14             | 10       | 4  |                |            |  |
|              |                  | nitial if reference considered, wheth<br>clude copy of this form with next co |                      |               | ance with MPEP 609     | ); Draw line throu | igh cita | tion if not in co  | nformance a    | nd not     |  |

F rm PTO-A820 (also form PTO-1449) Copyright 1994-97 LegatStar

P09C/REV03

|                          | P   |  | ATTY DOCKET NO.<br>11220                    | ATTY DOCKET NO. SERIAL NO. 112208-1 10/065,134 |          |                             |  |  |
|--------------------------|---|--|---|--|----------|-----------------------------|--|--|
| /01                      | INFORMATION DISC  | LOSURE CITATION  | Parrillo, et al.                            |  | Da       |                             |  |  |
|                          | ا 1 2002  | <b>,</b>   | FILING<br>September                         | 19, 2002                                       | GROUP 1  | Cer                         |  |  |
| EXAMINED                 | RAGE  | U.   | S. PATENT DOCUMENTS                         |  | ~ CT 7   | SED                         |  |  |
| EXAMINER INITIAL         | DOCUMENT NUI  | MBER DATE  | NAME  | CLASS  | SUBCLASS | FILING DATE DIE APPROPRIATE |  |  |
| pilo                     | 4,460,702   | 7/17/84  | Smith                                       |  |          | 00                          |  |  |
| #                        | 4,471,149   | 9/11/84  | Adey, et al.                                |  |          |                             |  |  |
|                          | 4,475,001   | 10/2/84  | Leston                                      |  |          | ->                          |  |  |
|                          | 4,476,329   | 10/9/84  | Chambers, et al.                            |  |          |                             |  |  |
|                          | 4,482,758   | 11/13/84   | Seig  |  |          |                             |  |  |
|                          | 4,517,389   | 5/14/85  | Katsumata, et al.                           |  |          |                             |  |  |
|                          | 4,528,407   | 7/9/85   | Smith, et al.                               |  |          |                             |  |  |
|                          | 4,533,650   | 8/6/85   | Courty, et al.                              |  |          |                             |  |  |
|                          | 4,560,810   | 12/24/85   | Talley, et al.                              |  |          |                             |  |  |
|                          | 4,572,778   | 2/25/86  | Ward  |  |          |                             |  |  |
|                          | 4,605,766   | 8/12/86  | Hargis                                      |  |          |                             |  |  |
|                          |   | FORE   | EIGN PATENT DOCUMENTS                       |  |          |                             |  |  |
|                          | DOCUMENT NUM  | ABER DATE  | COUNTRY                                     | CLASS  | SUBCLASS | TRANSLATION YES NO          |  |  |
|                          |   |  |   |  |          |                             |  |  |
|                          |   |  |   |  |          |                             |  |  |
|                          |   |  |   |  |          |                             |  |  |
|                          |   |  |   |  |          |                             |  |  |
|                          |   |  |   |  |          |                             |  |  |
|                          | OTHER   | DOCUMENTS (Includir  | ng Author, Title, Date, Pertin              | ent Pages, Etc                                 | .)       |                             |  |  |
|                          |   |  | •   |  |          |                             |  |  |
|                          |   |  |   |  |          |                             |  |  |
|                          |   |  |   |  |          |                             |  |  |
| EXAMINER                 | Mullin  | Br   | DATE CONSIDERED                             | 6/16/  | H        |                             |  |  |
| *EXAMINER<br>considered. | t: Initial if reference consider<br>Include copy of this form w | red, whether or not citation is ith next communication to ap | in conformance with MPEP 609; (<br>plicant. |  |          | onformance and not          |  |  |

F rm PTO-A820 (also f rm PTO-1449) Copyright 1994 LegalStar

P09C/REV03

| () IF              | F   |                                    |   |                | ATTY DOCKET NO.<br>112208-1 |                | SERIAL NO.<br>10/065,134 |  |  |  |
|--------------------|---|------------------------------------|---|----------------|-----------------------------|----------------|--------------------------|--|--|--|
| /6                 | INFO  | RMATION DISCLOSURE                 | CITATION<br>ary)                        |                | Parrillo, et al.            |                | Ar.                      |  |  |  |
| oct 1              | 1 200   |                                    |   |                | FILING<br>September 19, 2   |                | GROUP C                  | FILE                                       |  |  |
| Z8 II              |   | **                                 | U.S                                     | . PATENT       | DOCUMENTS                   |                | 7007                     | 5 200                                      |  |  |
| *EXAMINER          | AME   | DOCUMENT NUMBER                    | DATE                                    | ,              | NAME                        | CLASS          | SOCIASI                  | STOUP  SOUCLASS FILING DATE  THAPPROPRIATE |  |  |
| nue                |   | 4,644,086                          | 2/17/87                                 | Voges, e       | t al.                       |                |                          | 00   |  |  |
|                    |   | 4,677,089                          | 6/30/87                                 | Bennett        | , Jr. et al.                |                |                          |  |  |  |
|                    |   | 4,720,478                          | 1/19/88                                 | Voges, et al.  |                             |                |                          |  |  |  |
|                    |   | 4,753,913                          | 6/28/88                                 | Lenz, et al.   |                             |                |                          |  |  |  |
|                    |   | 4,814,083                          | 3/21/89                                 | Ford, et al.   |                             |                |                          |  |  |  |
|                    |   | 4,876,398                          | 10/24/89                                | Lin, et a      | l.                          | _              |                          |  |  |  |
|                    |   | 4,969,989                          | 11/13/90                                | Simpson        | 1                           | Ç. ~           |                          |  |  |  |
|                    |   | 5,059,727                          | 10/22/91                                | Ito            |                             |                |                          |  |  |  |
|                    | 5,128,304 7/7/92  |                                    |   | Ito            |                             |                |                          |  |  |  |
|                    |   | 5,175,375                          | 12/29/92                                | Chang, et al.  |                             |                |                          |  |  |  |
|                    | 5,227,342 7/13/93   |                                    | 7/13/93                                 | Anderso        | on, et al.                  |                |                          |  |  |  |
|                    |   |                                    | FORE                                    | IGN PATEI      | NT DOCUMENTS                | <del> </del>   |                          | -  |  |  |
|                    |   | DOCUMENT NUMBER                    | DATE                                    |                | COUNTRY                     | CLASS          | SUBCLASS                 | TRANSLATION YES NO                         |  |  |
|                    |   |                                    |   |                |                             | ·              |                          |  |  |  |
|                    |   |                                    |   |                | ·                           |                |                          |  |  |  |
|                    |   |                                    |   |                |                             |                |                          |  |  |  |
|                    |   |                                    |   |                |                             |                |                          |  |  |  |
|                    |   |                                    |   |                |                             |                |                          |  |  |  |
|                    |   | OTHER DOCUMEN                      | ITS (Includin                           | g Author,<br>– | Title, Date, Pertinent      | Pages, Etc.    | )                        |  |  |  |
|                    | $\dashv$  |                                    |   |                |                             |                |                          |  |  |  |
|                    |   |                                    |   |                |                             |                |                          |  |  |  |
|                    |   |                                    |   |                |                             |                |                          |  |  |  |
| EXAMINER           | 1   | MUMAN A                            | 3~                                      |                | DATE CONSIDERED             | 0/16/0         | 54                       |  |  |  |
| EXAMINE Considered | C Initia  | I if reference considered, whether | or not citation is<br>munication to app | in conforma    | ance with MPEP 609; Draw    | line through o | itation if not in co     | onformance and not                         |  |  |
|                    | Sidered. Module copy of this form with text communication to applicant. |                                    |   |                |                             |                |                          |  |  |  |

F m PTO-A820 (also f m PTO-1449)

P09C/REV03

| (11                   | P E               | <u> </u>  |  |                          | Docket Number (Optional)<br>112208-1 |                 | Application Number  10/065,134  Group Ao Link  2  Congression of Hung Date |                          |  |  |
|-----------------------|-------------------|---|--|--------------------------|--------------------------------------|-----------------|--|--------------------------|--|--|
| /6.1                  |                   | RMATION DISCLOSURE  |  |                          | Applicant(s) Parrillo, et al.        |                 | ME   | <b>1</b>                 |  |  |
| 1 730                 | 1 508             |   |  |                          | Filing Date September 19, 2          | 002             | Group AO Unit  | TO VEN                   |  |  |
| Yer                   | ANEW              | R. C.                                   |  | U.S. PAT                 | ENT DOCUMENTS                        | <del></del>     | 7C y.  | 2002                     |  |  |
| *EXAMINER<br>INITIAL  | REF               | DOCUMENT NUMBER   | DATE                                     |                          | NAME                                 | CLASS           | SUBCLASS   | OFFLING DATE APPROPRIATE |  |  |
| MA                    |                   | 5,245,089   | 9/14/93                                  | Irick, Jr. et al.        |                                      | -               |  |                          |  |  |
| V                     |                   | 5,345,005   | 9/6/94                                   | Thakur,                  | et al.                               |                 |  |                          |  |  |
|                       |                   | .5,371,306  | 12/6/94                                  | Woo, et al.              |                                      |                 |  |                          |  |  |
|                       |                   | 5,488,173   | 1/30/96                                  | Wang                     |                                      | _               |  |                          |  |  |
|                       |                   | 5,622,684   | 4/22/97                                  | Pinnavaia, et al.        |                                      |                 |  |                          |  |  |
|                       |                   | 5,672,558   | 9/30/97                                  | White, e                 | t al.                                |                 |  |                          |  |  |
|                       |                   | 5,986,138   | 11/16/99                                 | Satyava                  | thi, et al.                          |                 |  |                          |  |  |
|                       |                   | 6,037,295   | 3/14/00                                  | Satyava                  | thi, et al.                          |                 |  |                          |  |  |
|                       |                   | 6,049,008   | 4/11/00                                  | Roberts,                 | et al.                               |                 |  |                          |  |  |
|                       |                   | 6,054,627   | 4/25/00                                  | Thakur, et al.           |                                      |                 |  |                          |  |  |
|                       |                   | 6,203,774 B1  | 3/20/01                                  | Han, et s                | 1.                                   |                 |  |                          |  |  |
|                       |                   |   |  | FOREIGN                  | PATENT DOCUMENTS                     |                 |  |                          |  |  |
|                       | REF               | DOCUMENT NUMBER   | DATE                                     |                          | COUNTRY                              | CLASS           | SUBCLASS   | Translation YES NO       |  |  |
|                       |                   |   |  |                          |                                      |                 |  |                          |  |  |
|                       |                   |   |  |                          |                                      |                 |  |                          |  |  |
|                       |                   |   |  |                          |                                      |                 | !  |                          |  |  |
|                       |                   |   |  |                          |                                      |                 |  |                          |  |  |
|                       |                   |   |  |                          |                                      |                 |  |                          |  |  |
|                       |                   |   |  | OTHER D                  | OCUMENTS (Including A                | uthor, Title, L | Date, Pertinent Pa   | ges, Etc.)               |  |  |
|                       | +                 |   |  |                          |                                      |                 |  |                          |  |  |
|                       |                   |   |  |                          |                                      |                 |  |                          |  |  |
|                       |                   |   |  |                          |                                      |                 |  |                          |  |  |
| XAMINEI               |                   | MMIU 1  | m  |                          | DATE CONSIDERED                      | 6/161           | loss   |                          |  |  |
| XAMINE<br>ot consider | initia<br>ed. Inc | l if citation considered, whether or<br>lude copy of this form with next co | not citation is in o<br>mmunication to a | conformance<br>pplicant. | with MPEP Section 609; Dr            | aw line throu   | gh citation if not   | in conformance and       |  |  |

| 6                    | PE  | `                                  |                        |            | Docket Number (Optional)<br>112208-1  |  | Application Number  |              | -               |  |  |
|----------------------|---|------------------------------------|------------------------|------------|---------------------------------------|--|---------------------|--------------|-----------------|--|--|
| 0,                   | шчго  | Wation DiscLosure                  | CITATION               |            | Applicant(s) Parrillo, et al.         |  | PE                  | <u>`</u>     |                 |  |  |
| 720                  | 1 1 20  | u Ä                                |                        |            | Filing Date September 19, 20          | 102  | Group Art Halt      | EIL          |                 |  |  |
| Nr.                  | TR ADE  | a keek                             |                        | U.S. PATI  | ENT DOCUMENTS                         |  | Group Art Halt      | 5 2000       | <b>80</b>       |  |  |
| *EXAMINER<br>INITIAL | REF   | DOCUMENT NUMBER                    | DATE                   |            | NAME                                  | CLASS  | SUBCLASS            |              | DATE<br>OPRIATE |  |  |
| MA                   |   | 6,291,724 B1                       | 9/18/01                | Braat      |                                       |  |                     |              | DENGATE         |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        | ***        |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    | :                      |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            | · · · · · · · · · · · · · · · · · · · |  |                     |              |                 |  |  |
| <u>.</u>             |   |                                    | <u> </u>               | FOREIGN    | PATENT DOCUMENTS                      |  |                     |              |                 |  |  |
|                      | REF   | DOCUMENT NUMBER                    | DATE                   |            | COUNTRY                               | CLASS  | SUBCLASS            | Trans<br>YES | lation<br>NO    |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       | ~  |                     |              |                 |  |  |
|                      |   |                                    |                        | OTHER D    | OCUMENTS (Including As                | uthor, Title, I                                  | Date, Pertinent Pag | ges, Etc.)   |                 |  |  |
|                      | Ŧ   |                                    |                        | _          |                                       |  | -                   |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
|                      |   |                                    |                        |            |                                       |  |                     |              |                 |  |  |
| EXAMINER             |   | MMININ B                           | 2~                     |            | DATE CONSIDERED                       | [16]   | 04                  |              |                 |  |  |
| EXAMINER             | . Initia  | if citation considered, whether of | r not citation is in c | onformance | <del></del>                           | <del>'                                    </del> | <del></del>         | in conforma  | nce and         |  |  |
| OF FOILMEEL          | AMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. |                                    |                        |            |                                       |  |                     |              |                 |  |  |

F rm PTO-A820 (also f rm PTO-1449) P09A/REV04

|                          |  |               |                     | ATTY DOCKET NO.<br>112208-1 |              | SERIAL NO. | 065,134       |          |  |
|--------------------------|--|---------------|---------------------|-----------------------------|--------------|------------|---------------|----------|--|
|                          | INFORMATION DISCLOSURE   |               |                     | Parrillo, et al.            |              | 10/        | 003,134       |          |  |
| Ĭ                        | Use several sheets if necess   | ary)          |                     | FILING                      | <del></del>  | GROUP      |               |          |  |
|                          | 7 2000 12  |               |                     | 09/19/2002                  |              |            |               |          |  |
|                          |  | U.S           | S. PATENT           | DOCUMENTS                   |              |            |               |          |  |
| *EXAMINER<br>INITIAL     | & TRADED MENT NUMBER   | DATE          |                     | NAME                        | CLASS        | SUBCLASS   | FILING DATE   |          |  |
| Mb                       | 3,306,874  | 2/28/67       | Hay                 | Нау                         |              |            | <del></del>   | -        |  |
| V                        | 3,306,875  | 2/28/67       | Hay                 |                             | ,            |            |               |          |  |
|                          | 3,446,856  | 5/27/69       | Hamilto             | n, Jr.                      |              |            | C S           | <u> </u> |  |
|                          | 3,962,181  | 6/8/76        | Sakauchi, et al.    |                             |              |            | 09            | 3        |  |
|                          | 3,968,172  | 7/6/76        | Ichikaw             | Ichikawa, et al.            |              |            |               | Λ        |  |
|                          | 3,974,229  | 8/10/76       | Van Sor             | ge                          |              |            | 0             | D        |  |
|                          | 4,041,085 8/9/77   |               |                     | , Jr.                       |              |            |               |          |  |
|                          | 4,048,239 9/13/77  |               |                     |                             |              |            |               |          |  |
|                          | 4,083,828  | 3,828 4/11/78 |                     | lander                      |              |            |               |          |  |
|                          | 4,092,294  | 5/30/78       | Bennett, Jr. et al. |                             |              |            |               | _        |  |
| V                        | 4,201,880 5/6/80   |               | van Sorg            | ge                          |              |            |               |          |  |
|                          |  | FORE          | IGN PATEN           | IT DOCUMENTS                |              |            |               |          |  |
|                          | DOCUMENT NUMBER  | DATE          |                     | COUNTRY                     | CLASS        | SUBCLASS   | TRANSL<br>YES | NO NO    |  |
| nw                       | WO 84/01146  | 29.03.84      | PCT                 |                             |              |            |               |          |  |
| 7                        |  |               |                     |                             |              |            |               |          |  |
|                          |  |               |                     |                             |              |            |               |          |  |
|                          |  |               |                     |                             |              |            |               |          |  |
|                          |  |               |                     |                             |              |            |               |          |  |
|                          | OTHER DOCUMEN  | τs (Including | g Author,           | Title, Date, Pertinent F    | Pages, Etc., | )          |               |          |  |
|                          | +  |               |                     |                             |              |            |               |          |  |
|                          |  |               |                     |                             |              |            |               |          |  |
|                          |  |               |                     |                             |              |            |               |          |  |
| EXAMINER                 | MMUM 6   | En-           |                     | DATE CONSIDERED             | 116/         | K)         |               |          |  |
| 'EXAMINER<br>considered. | EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not onside red. Include copy of this form with next communication to applicant. |               |                     |                             |              |            |               |          |  |

Form PTO-A820 (also form PTO-1449)

P09C/REV03

| 5         |   |   | ľ                                       | ATTY DOCKET NO.<br>112208-1 |                                       | SERIAL NO.<br>10/    | 065,134                    |  |  |
|-----------|---|---|---|-----------------------------|---------------------------------------|----------------------|----------------------------|--|--|
|           | INFORMATION DISCLOSURE  | CITATION                                  |   | Parrillo, et al.            | · · · · · · · · · · · · · · · · · · · |                      |                            |  |  |
|           | 2 2000  |   |   | FILING<br>09/19/2002        |                                       | GROUP                |                            |  |  |
|           | COL O LEGAL   | U.9                                       | S. PATENT (                             | DOCUMENTS                   |                                       |                      |                            |  |  |
| 'EXAMINER | TRAILED MENT NUMBER   | DATE                                      |   | NAME                        | CLASS                                 | SUBCLASS             | FILING DATE IF APPROPRIATE |  |  |
| pho       | 4,418,224   | 11/29/83                                  | Bennett,                                | et al.                      |                                       |                      |                            |  |  |
|           | 4,547,480   | 10/15/85                                  | Bennett,                                | Bennett, Jr. et al.         |                                       |                      |                            |  |  |
|           | 4,554,266   | 11/19/85                                  | Bennett,                                | et al.                      |                                       |                      |                            |  |  |
|           | 4,554,267   | 11/19/85                                  | Chambei                                 | rs, et al.                  |                                       |                      | <u> </u>                   |  |  |
|           | 4,822,836   | 4/18/89                                   | Wroczyn                                 | ski                         |                                       |                      | -1 S                       |  |  |
|           | 4,851,591   | 7/25/89                                   | Battista,                               | et al.                      |                                       |                      | 0 %                        |  |  |
|           | 4,874,810   | 10/17/89                                  | Lee, Jr. e                              | et al.                      |                                       | 0                    |                            |  |  |
|           | 4,900,708   | 2/13/90                                   | Bennett,                                | et al.                      |                                       | -                    |                            |  |  |
|           | 4,933,509   | Warner                                    |   |                             |                                       |                      |                            |  |  |
|           | 5,017,655   | 5/21/91                                   | Kase, et al.                            |                             |                                       |                      |                            |  |  |
|           | 5,017,656 5/21/91   |   | Ворр                                    |                             | ç                                     |                      |                            |  |  |
|           |   | FORE                                      | EIGN PATEN                              | T DOCUMENTS                 |                                       |                      |                            |  |  |
|           | DOCUMENT NUMBER   | DATE                                      |   | COUNTRY                     | CLASS                                 | SUBCLASS             | TRANSLATION YES NO         |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
|           |   | -   |   |                             |                                       |                      |                            |  |  |
|           | OTHER DOCUME  | NTS (Includin                             | ng Author,                              | Title, Date, Pertinen       | t Pages, Etc.                         | )                    |                            |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
|           |   |   | *************************************** |                             |                                       |                      |                            |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |
| EXAMINER  | AMMUM 1   | 2   |   | DATE CONSIDERED             | i/16/                                 | 84                   |                            |  |  |
| EXAMINEI  | R/mittal if reference considered, whethe<br>Include copy of this form with next com | r or not citation is<br>nmunication to ap | in conforma                             | nce with MPEP 609; Drav     | w line through ci                     | itation if not in co | onformance and not         |  |  |
|           |   |   |   |                             |                                       |                      |                            |  |  |

| Ť   |   | ATTY DOCKET NO.<br>112208-1 |             | SERIAL NO.<br>10/ | 065,134       | -           |
|---|---|-----------------------------|-------------|-------------------|---------------|-------------|
| INFORMATION DISCLOSURE CITAT  | TION                                    | Parrillo, et al.            |             |                   |               |             |
| 6,1,6   |   | FILING 09/19/2002           | C           | GROUP             |               |             |
| CCI U 7 2002  | U.S. PATENT                             | DOCUMENTS                   |             |                   |               |             |
| EXAMINER DOCUMENT DIMBER DI   | ATE                                     | NAME                        | CLASS       | SUBCLASS          | FILING DAT    |             |
| 12/8/9 5,847,237 12/8/9   | 98 Yago, e                              | t al.                       |             | <u> </u>          | IF APPROP     | RIATE       |
| 6,294,499 9/25/0  | 01 Watson                               | , et al.                    |             |                   |               | 7           |
| 6,395,871 5/28/0  | )2 Watson                               | , et al.                    |             |                   | 0             | ) H         |
| 6,261,987 7/17/0  | 1 Watson                                | , et al.                    | <u> </u>    |                   |               |             |
|   |   |                             |             |                   | 200Z          | 7           |
|   |   |                             |             |                   | 0 ~           |             |
|   |   | ·                           |             |                   |               |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             | ļ                 |               |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             |                   |               |             |
|   | FOREIGN PATER                           | IT DOCUMENTS                | . <u>-</u>  |                   |               |             |
| DOCUMENT NUMBER DA  | TE                                      | COUNTRY                     | CLASS       | SUBCLASS          | TRANSL<br>YES | ATION<br>NO |
|   |   |                             |             |                   | ·<br>·        |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             |                   |               |             |
| OTHER DOCUMENTS (II   | ncluding Author,                        | Title, Date, Pertinent Pa   | ages, Etc.) |                   |               |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             |                   |               |             |
|   |   |                             |             |                   |               |             |
| EXAMINER AMMAN BY   |   | DATE CONSIDERED             | 11610       | SP                |               |             |
| EXAMINER: Initial if reference considered, whether or not cit considered. Include copy of this form with next communication | tation is in conformation to applicant. |                             |             |                   | nformance a   | ind not     |